

Proposition 50 River Parkways Grant Program



Introductions

Resources Agency Technical Committee

Anne Riley - Watershed and River Restoration Advisor / San Francisco Bay Region Water Quality Control Board

Earle Cummings - MS Ecology, Chief, Environmental Compliance, Planning and Analysis Branch, Department of Water Resources Division of Flood Management

Kate Foley - District Superintendent, Northern Buttes District (retired) / California Department of Parks and Recreation

Kris Vyverberg - Senior Engineering Geologist/Geomorphologist / Fisheries Engineering Program, Statewide Technical Advisory Team / Native Anadromous Fish and Watershed Branch Department of Fish and Game

Lisa Cirill - Acting Chief / California Center for Physical Activity / California Department of Health Services

Resources Agency

Bryan Cash, Charles Chung, Dana Brazelton, Laurie Heller, Polly Escovedo, Linda Smith, Ron Lee



Kate Foley

Northern Buttes District Superintendent (retired) /
California Department of Parks and Recreation

RECREATION

Describe the specific recreational goals targeted by this Project and the expected impact on the local Community.



Describe the recreational opportunities and amenities your Project will provide. How are they compatible with the environment and location?



Prevent Site Shock!!



What national, state, or local construction standards will be used for recreational facilities and amenities such as trails, restrooms, bike paths, etc.?





California State Parks will be happy to help you with ideas for trails and other construction projects.

Statewide Trails:

Doug Wilber: (916) 651-6916

Northern Service Center:

(916) 445-8870

What construction materials will be used? Include any environmentally-friendly materials. Describe any accommodations on the proposed trail system to make it ADA accessible.



If conflicts exist between recreational user groups, how do you plan to resolve them?



What will happen to the project site if this Project does not occur

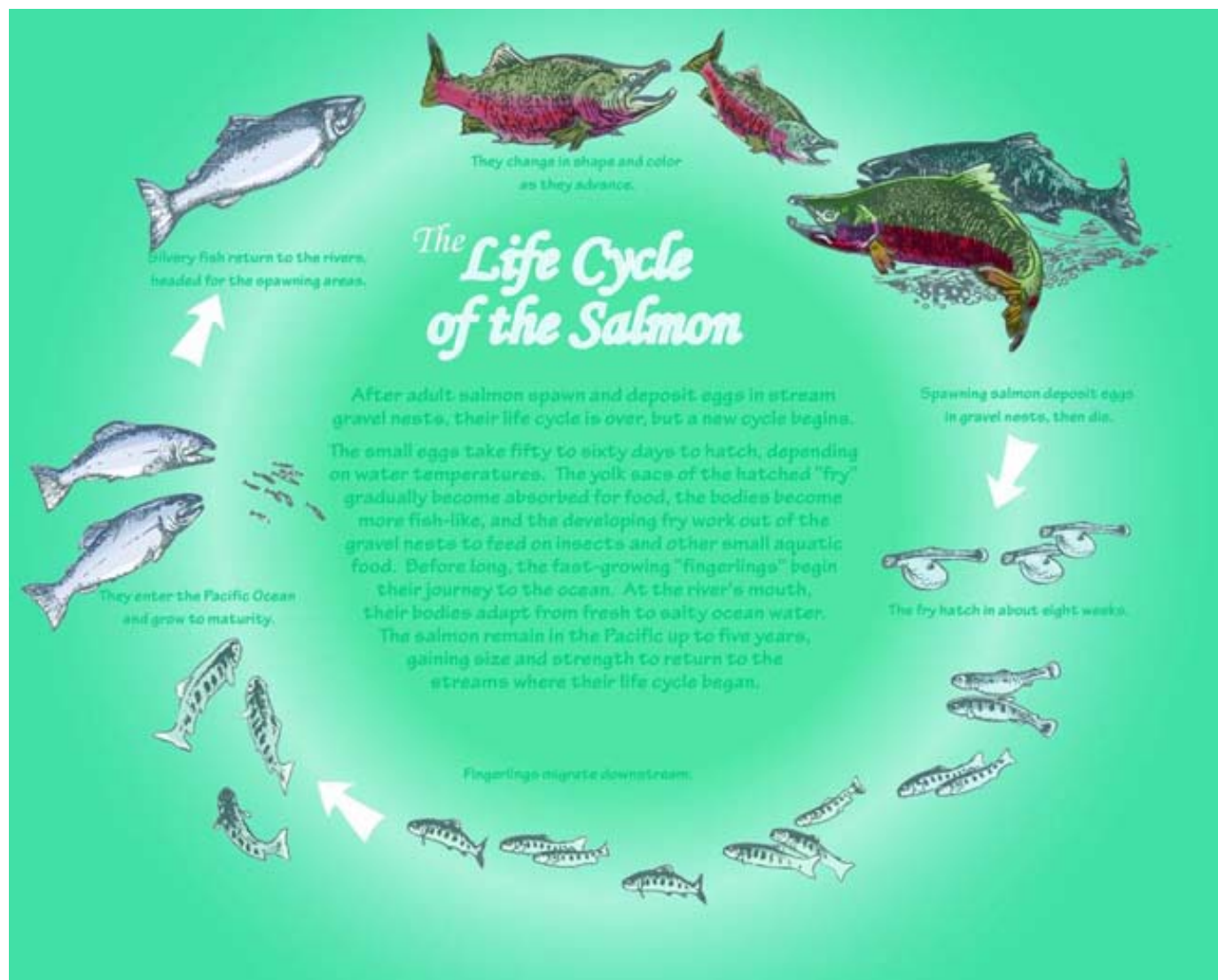
?

Conservation and Interpretive Enhancements

Describe the planned visitor serving amenities.



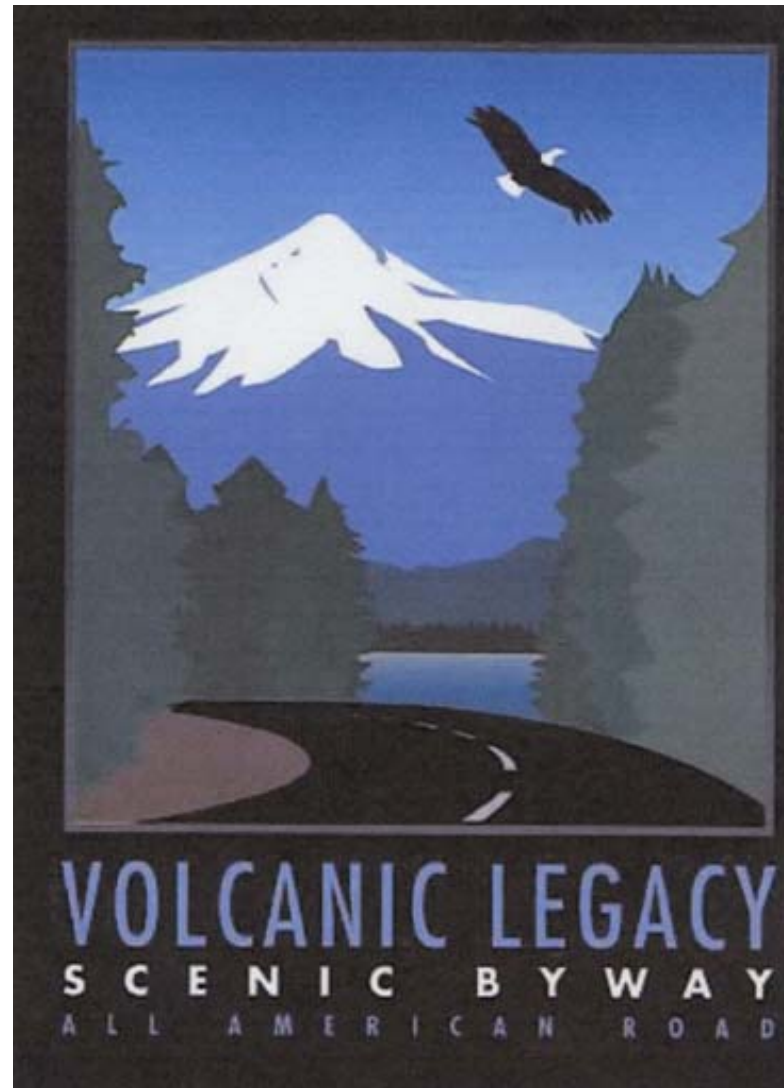
How will your visitor serving amenity communicate the significance and value of the resource?



Describe the Project's geographic location to the resources, subjects, structure, place, or collection of objects to be interpreted.



Will it address themes not interpreted in existing facilities?



Describe any future actions needed beyond the scope of this Project to fully address your goals.





Kris Vyverberg

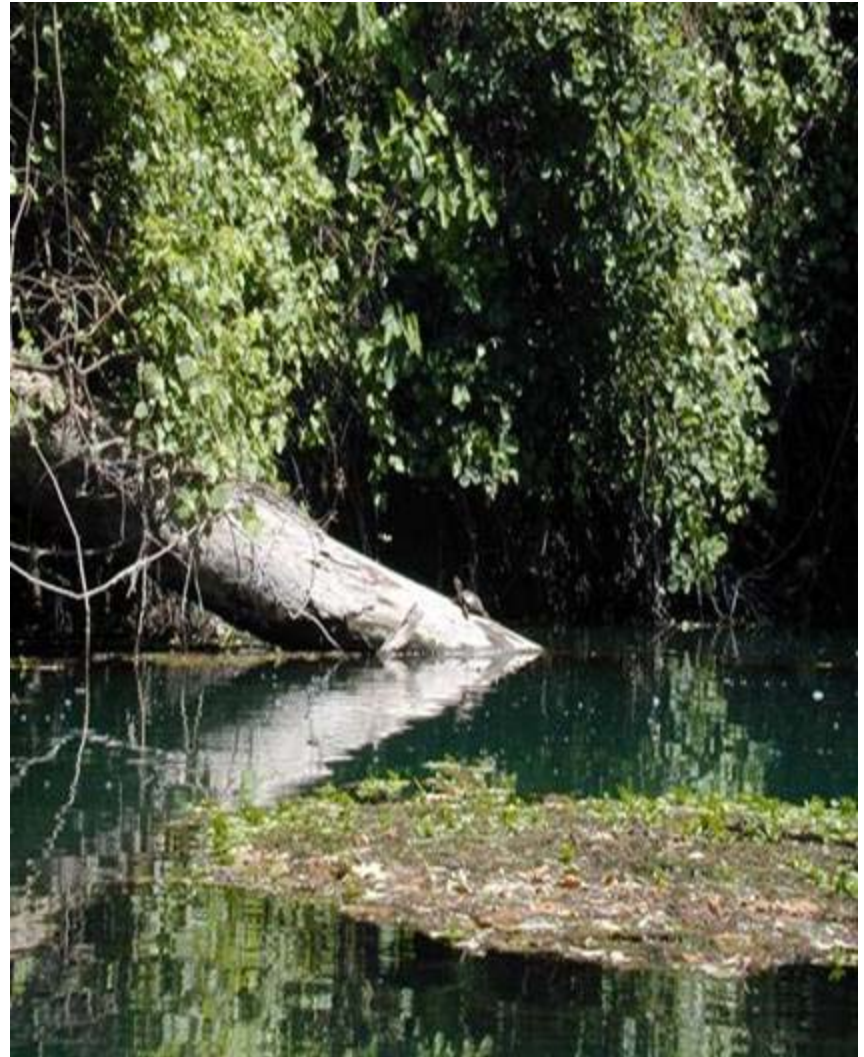
Senior Engineering Geologist/Geomorphologist / Fisheries Engineering
Program, Statewide Technical Advisory Team / Native Anadromous Fish &
Watershed Branch Department of Fish & Game

HABITAT

Protect, improve or Restore Riverine or Riparian Habitat,
including benefits to wildlife habitat and water quality.
River Parkways protect and Restore Riverine and
Riparian habitat and improve or protect the water quality
in rivers and streams.



How much riparian/aquatic habitat will the project acquire, conserve, protect or restore? (Quantify using acres or linear feet, etc., of riparian habitat, stream course, stream bank, or similar units; miles of stream trail built; etc.)



- How will the project benefit the targeted biological or physical elements (use either common or scientific names to identify elements)?



- **Describe specific riverine or riparian elements that your project will establish, including but not limited to:**
 - **Structures:** Channel, riparian corridor, floodplain, terrace, pools and ripples, etc.
 - **Functions:** Transporting sediment, forming and reforming bars and pools, flooding onto the floodplain, restoring habitat for threatened or endangered species, or re-establishing wildlife corridors.
 - **Dynamics:** Revegetate to provide shade and erosion control on floodplain, provide food for insects or remove exotic species.

- If the Project includes the Restoration or creation of wetlands habitat, explain how you plan to employ habitat management strategies designed to reduce mosquito production.



- Describe any biotechnical methods or other innovative methods you intend to use. If the Project will use conventional construction materials like manufactured block or concrete, describe how you propose to integrate these materials into the landscape in a natural way.



- If the Project is easily affected by external events (e.g., weather, floods, fire or other disturbances), what are your contingency plans?



- Is there an imminent threat to the habitat (i.e., are projects planned and approved in the immediate vicinity that will preclude or conflict with the maintenance of the habitat)?





What will happen to the existing habitat if this project does not occur? Will the habitat improve, decline, or be entirely lost? Over what time period?



Earle W. Cummings

MS Ecology, Chief, Environmental Compliance, Planning and
Analysis Branch, Department of Water Resources Division of
Flood Management

Flood Management

I. Flood Protection Coordination for Parkway Projects - Floodways and major water bodies

A. Central Valley

1. State Reclamation Board Designated Floodway Program - Contact DWR Encroachment Control Section, Sacramento
2. Projects requiring work involving regulated rivers or flood control reservoir operations
Contact Corps of Engineers, USBR
3. Projects involving bridges over commercially navigable waters Contact US Coast Guard

B. Coastal Zone

1. Projects in Coastal Zone, California Coastal Commission, coordinate also with Coastal Conservancy
2. Other coordination (Tsunami, earthquake, soil liquefaction, etc.)
 - a. Look into State of California Multi-Hazard Mitigation Plan Office of Emergency Services)

C. General

1. See Department of Finance Inventory of Flood Control Agencies, On-Line.
2. Federal Emergency Management Agency's National Flood Insurance Program floodplain mapping, county general plan floodplain zoning
3. California Department of Fish and Game: Streambed Alteration Notification and Agreement regulations

II. Alluvial Fans



Flooding may unexpectedly affect areas thought to be out of the stream channel.

III. Application Specifics

Guidelines call for proposals to address the following questions:

a. Where the project is located in a flood hazard area, describe how it will reduce flooding, erosion, or stabilize the watershed.



b. Explain how this project fits into a flood management plan and provide an overview of that plan.



c. How does the project supplement or extend the flood control project of which it is part?



d. Identify the local, State or federal flood management agencies involved in the project. Provide details on communications with the appropriate responsible umbrella flood agency (federal, State or local level). Have they concurred that the project is compatible with flood protection purposes?

- e. Will this project result in implementation of more environmentally sensitive flood management approaches than would otherwise be implemented? Describe.



What will happen to the project site
if this project does not occur?



Bryan Cash

Deputy Assistant Secretary, Proposition 50

Conversion to River Parkways

Conversion Goals

Questions

- Current Use
- Conversion to River Parkway
- Effects of conversion
- Relocation?
- Future Action



Statewide Resources Priorities

- **Listed Priorities**

- Collaboration
- Economic Benefit
- Use of Recycled or Reclaimed Water,
- Recycled Materials and/or Energy Efficiency

- **Other Areas for Consideration**

- Statewide distribution of bond funds
- NCCPs, CALFED implementation, etc.

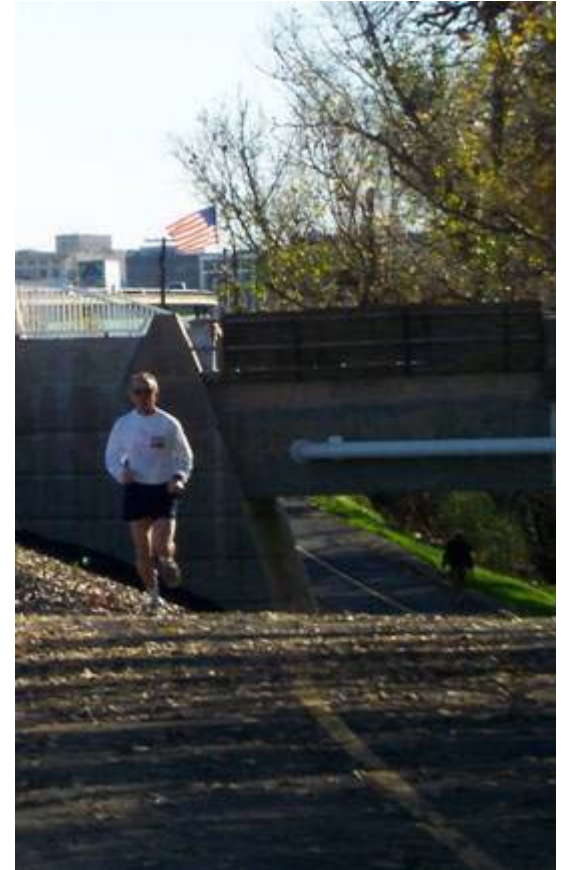


Access and Location

Public Access = Requirement

Questions

- How will the public access the River Parkway? (transportation options, parking, access routes, etc.)
- Public Access Limits
- Access vs. Ecological Goals



Organizational Capacity and Sustainability

Complete and Maintain

Questions

- Experience
- Expertise
- Maintenance Plan



Community and Regional Impacts

Land Use Planning and Community Involvement

Questions

- Current Conditions
- Coordination
- Impact
- Outreach



Community and Regional Impacts

Environmental Justice

- Outreach



Youth Employment



Project Readiness

**Project Completion Deadline:
May 1, 2009 or 2010**

Questions

- **First Steps**
- **Cost Estimate Method**
- **Project Concerns**
- **Status**
- **Other Factors**



COMMUNITY AND REGIONAL IMPACTS



**Lisa A. Cirill
Acting Chief
California Center for Physical Activity
California Department of Health Services**

Improving the Public's Health

California and the U.S. face a “diabetesity” epidemic – physical inactivity is a major risk factor

Walking and bicycling can be unsafe and inconvenient

Providing safety education and building safe walking and bicycling facilities in our communities create healthy options for all Californians

Working with local leaders and stakeholders who are poised to make environmental and policy change is key



Public Health, Physical Activity and the Built Environment

- Heart disease and stroke
- Cancer
- Diabetes
- Injury
- Asthma
- Bone health
- Impotence
- Depression, stress
- Air quality
- Noise
- Climate change
- Sense of community
- Crime/violence
- Economic vitality
- Children's development

Built Environment = More Risks Than Just Obesity

Physical Activity Should Be...

- Convenient
- Continuous
- Connected
- Comfortable
- Secure



River Parkways Projects Suggestions

- Trail accessibility for Californians of all ages, abilities, and socio-economic levels
- Trail connections to core urban and/or rural areas such as parks, schools and farmer's markets
- Trail design which enhances commuter use
- Appropriate and sufficient trail furnishings, shade, lighting and security devices



River Parkways Projects Suggestions

- Local coalitions supporting trail usage, including engagement of key stakeholders, advocacy groups, community volunteers, and youth organizations
- Signage that promotes active living (mile markers, stretching, etc.)





A. L. Riley

Watershed and River Restoration Advisor / San
Francisco Bay Region Water Quality Control Board

Water Quality and Watershed Protection (Optional)

Priority will be given to River Parkway Projects that are implemented pursuant to applicable approved Watershed Plans and include water quality and watershed protection benefits.

Explain how the project conforms to a Regional Water Quality Control Plan and is part of an applicable adopted watershed management plan recognized by the Regional Water Quality Control Board (RWQCB)

<http://www.swrcb.ca.gov/regions.html>

Describe the measurable and demonstrable water quality benefits that will result from this project.





Stream restoration in
difficult urban situation.





This is not a restoration project



Successful soil bioengineering project on a large urban stream



Willow posts are driven into holes made by an excavator with a metal ram.

Example of revegetation technique.



The stabilized bank can withstand even severe floods.

If the project includes a monitoring plan, explain how it integrates with The Surface Water Ambient Monitoring Program (SWAMP), coordinated with the RWQCB and with local watershed partnerships, if available.

<http://www.swrcb.ca.gov/swamp/>

S T A T E O F C A L I F O R N I A



resources

A G E N C Y

AFTER THE BREAK

- | | |
|---|-----------------------|
| • Application Package | Linda Smith |
| • Critical Elements | |
| • Project Description | Linda Smith |
| • Environmental Compliance | Polly Escovedo |
| • Site Plans | Polly Escovedo |
| • Land Tenure | Laurie Heller |
| • Cost Estimate | Dana Brazelton |
| • Additional Resources | Ron Lee |
| • Technical Assistance Breakouts | All |



Linda Smith
Grants Administrator

Application Package

– Vehicle for determining

- *Eligibility of Applicant and Project*
- *Competitiveness of Project*
- *Project Readiness/Organizational Capacity*

– Checklist

Submit 7 copies (one unbound original and six copies) of items 1 - 13:

- [illegible]

Submit 2 copies (1 unbound original and 1 copy) of items 14-24:

- □ □ □ □ □ □ □ □ □ □ □

Application Package

- **Vehicle for determining**

Eligibility of Applicant and Project

Competitiveness of Project

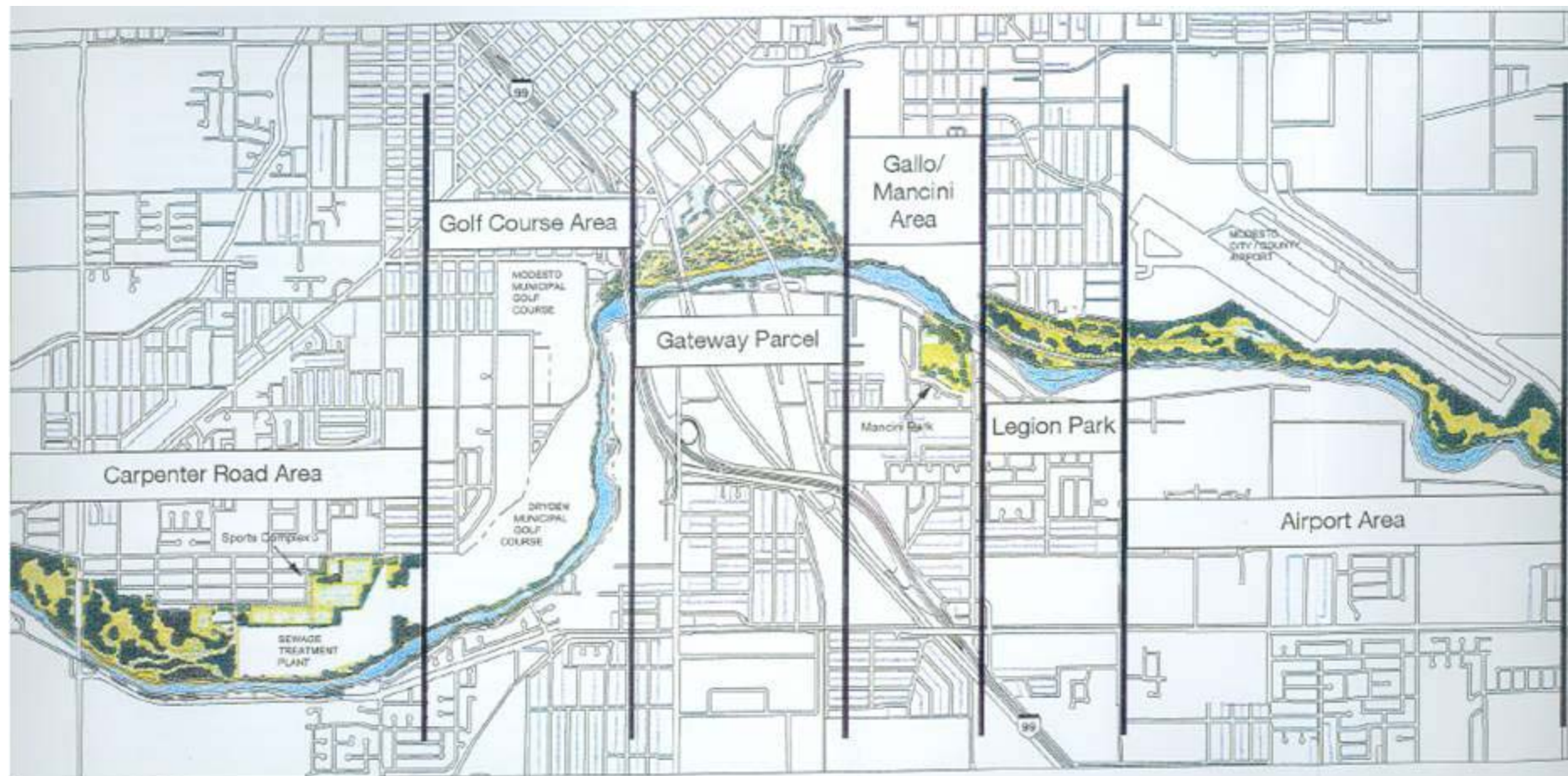
Project Readiness/Organizational Capacity

- **Checklist**
- **Cohesion of package**
- **Technical Committee Evaluation**

Critical Elements of the Application

“Project”

- May be part of a larger River Parkway Plan**

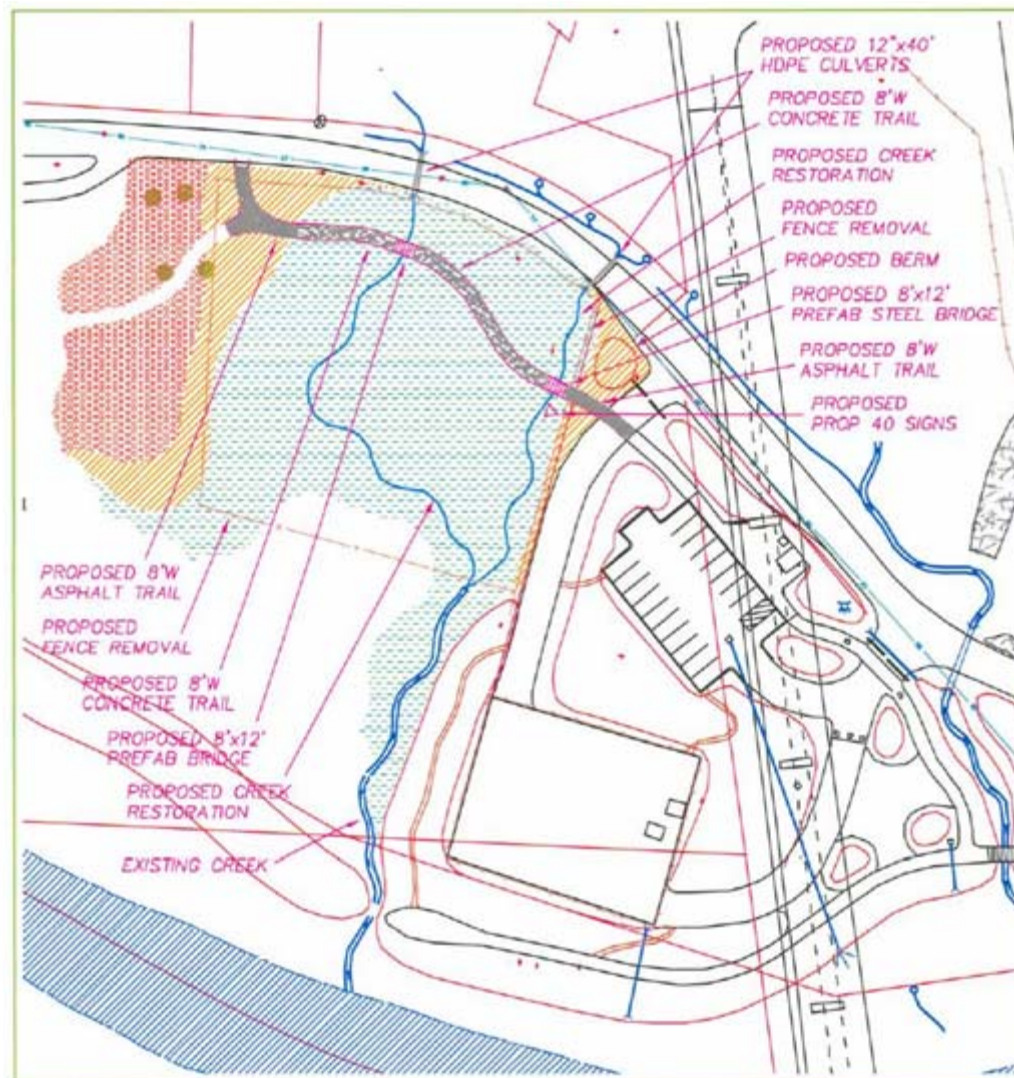


River Regional Park Master Plan

Joint Powers Authority and EDAW, Inc.

in association with & and Engineering, Inc.





LEGEND

-  Upper Sacramento River
-  Wet Meadow Restoration
-  Upland Restoration
-  Exotics Removal in Historic Site

DESIGN

LANDSCAPE ARCHITECTURE
ENVIRONMENTAL PLANNING
ECOLOGICAL SERVICES

PARK AND TRAIL PROJECT
SITE PLAN
RIVER EXCHANGE

Critical Elements of the Application

“Project”

- May be part of a larger River Parkway Plan**
- Must have stand-alone benefit**
- Must meet program requirements**

Common Problems describing Projects

- **Encompassing too large a project in the plan, so that project cannot be completed within the timeframe of the appropriation.**
- **Project to be funded with River Parkway Grant funds not identifiable in narrative**
- **Project described in narrative does not correlate easily to project described in CEQA, Land Tenure documents, Cost Estimate and/or Timeline.**

One-Page Summary

Project Proposal Narrative



Polly Escovedo
Grants Administrator

- **CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)**
- **SITE PLANS**

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

REQUIRED FOR ALL PROJECTS FUNDED UNDER PROPOSITION 50

Section 79506 of the Water Code indicates every proposed activity to be financed must be in compliance.



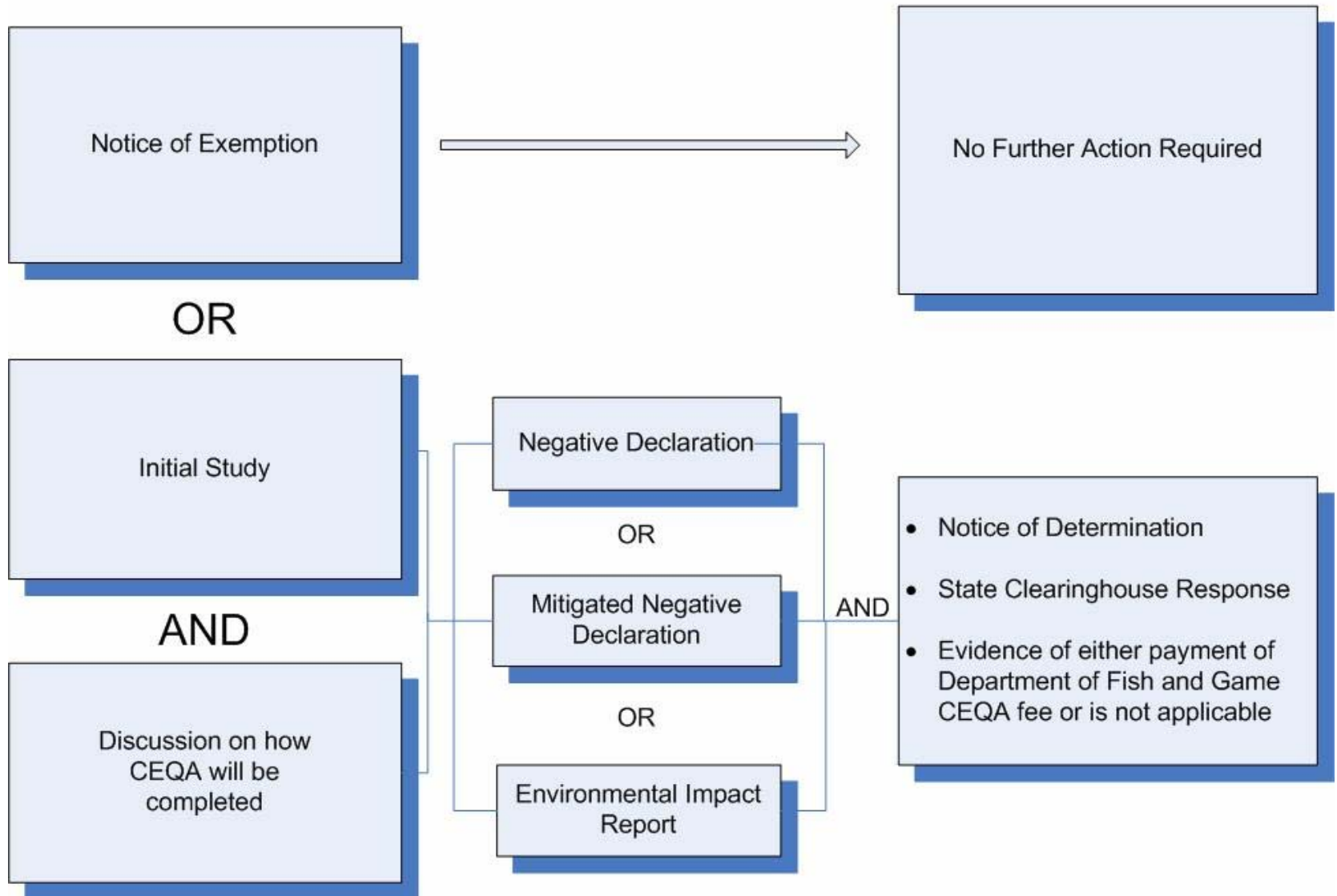
CEQA

THINGS TO WATCH FOR

- Minimum Requirements With Application
 - Initial Study
 - Plan for Completion, OR
 - Notice of Exemption
- Clarity
- Appropriate Exemption
- Filed with All Applicable Counties
- Master EIR
- Non-Profit Organizations

CEQA

Minimum Requirements



CEQA

FINAL COMMENTS

- Evaluation
- Where to find CEQA Guidelines & Statutes
 - <http://ceres.ca.gov/ceqa/>;
 - Or, Resources Agency home page <http://resources.ca.gov> and follow the links



SITE PLAN

- Not a Big Budget? Not a Problem
- Contents
- Visual of the Project
- Location of Project Components
- Consistency with Narrative and Cost Estimate
- Site Visits
- Samples

THE DISPOSING OWNERSHIP WILL BE PARTIALLY OPEN TO THE PUBLIC

* Please allow 2-3 weeks for delivery of the product. Delivery is subject to the availability of the product. Delivery is subject to the availability of the product.

- **IMPROVE PUBLIC AWARENESS AND PROVIDE EDUCATIONAL OPPORTUNITIES OF NATURAL RESOURCES**
- **IMPROVE PROVIDE** **888.617**
 VARIOUS LOCATIONS ALONG THE PARKWAY AVENUE FROM THE STREET.
- **INTERPRETIVE SIGN** PROVIDES SIGN ALONG THE WALKING AND BIKING TRAIL
 AND PROVIDES SIGNATURES AND BIKING SIGNATURE.

ANALYSIS AND SERVICE TRAILS

4. PREVIOUS APPROVED EASEMENTS AND EROSION TRAILS WITHIN AREAS OPEN TO THE PUBLIC, PARTS OF THE ADJACENT ESTATE BORDER SHALL BE SHOWN BY SURVEY AND MAPS.

09-886-077

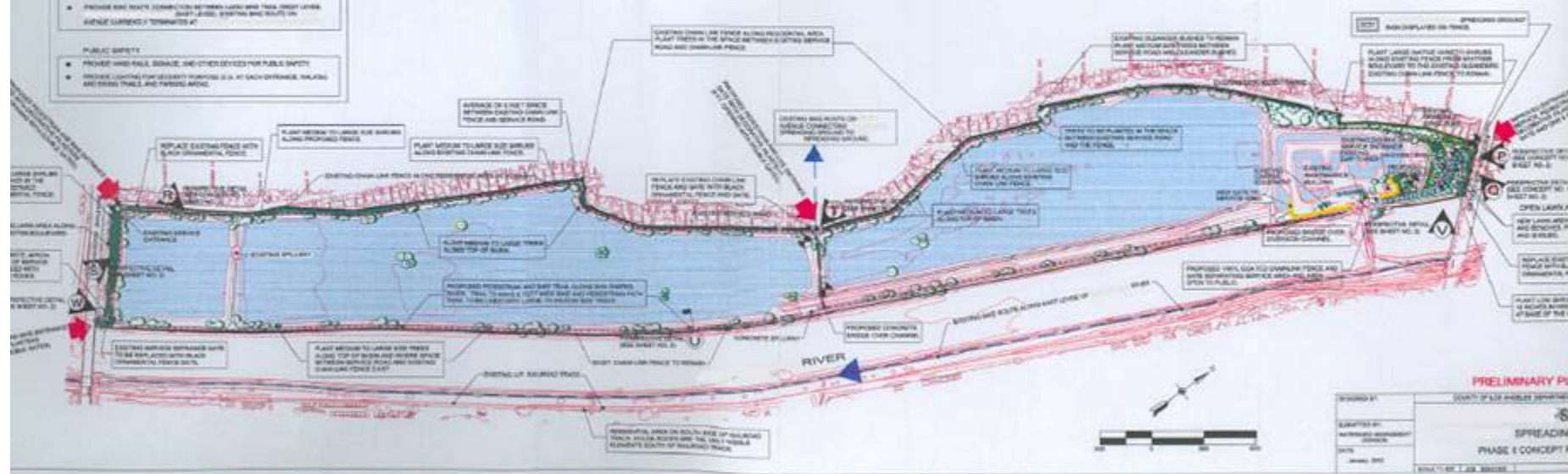
- PREVENT HAND-TO-HAND, SEXUAL, AND OTHER SERVICES FROM PUBLIC SAFETY
- PROVIDE LIGHTING FOR PUBLIC SAFETY (E.G., AT EACH ENTRANCE, EXIT, AND OTHER TRAIL, AND PARKING AREA)

INTERNATIONAL FACTORS

- [illegible]

LEGEND

- | | |
|---|-----------------------------------|
|  | EXISTING BIKE ROUTE |
|  | PROPOSED PEDESTRIAN/BIKE TRAIL |
|  | EXISTING DOWNLINK PENCE |
|  | PROPOSED VINYL COATED CHAINLINK |
|  | ORNAMENTAL FENCE (PHASE 1 CORNER) |
|  | PCO REVERA CITY LIMITS |
|  | PROPOSED AREA LIGHT |
|  | EXISTING TREES |
|  | PROPOSED TREES |
|  | PROPOSED SHRUBS |

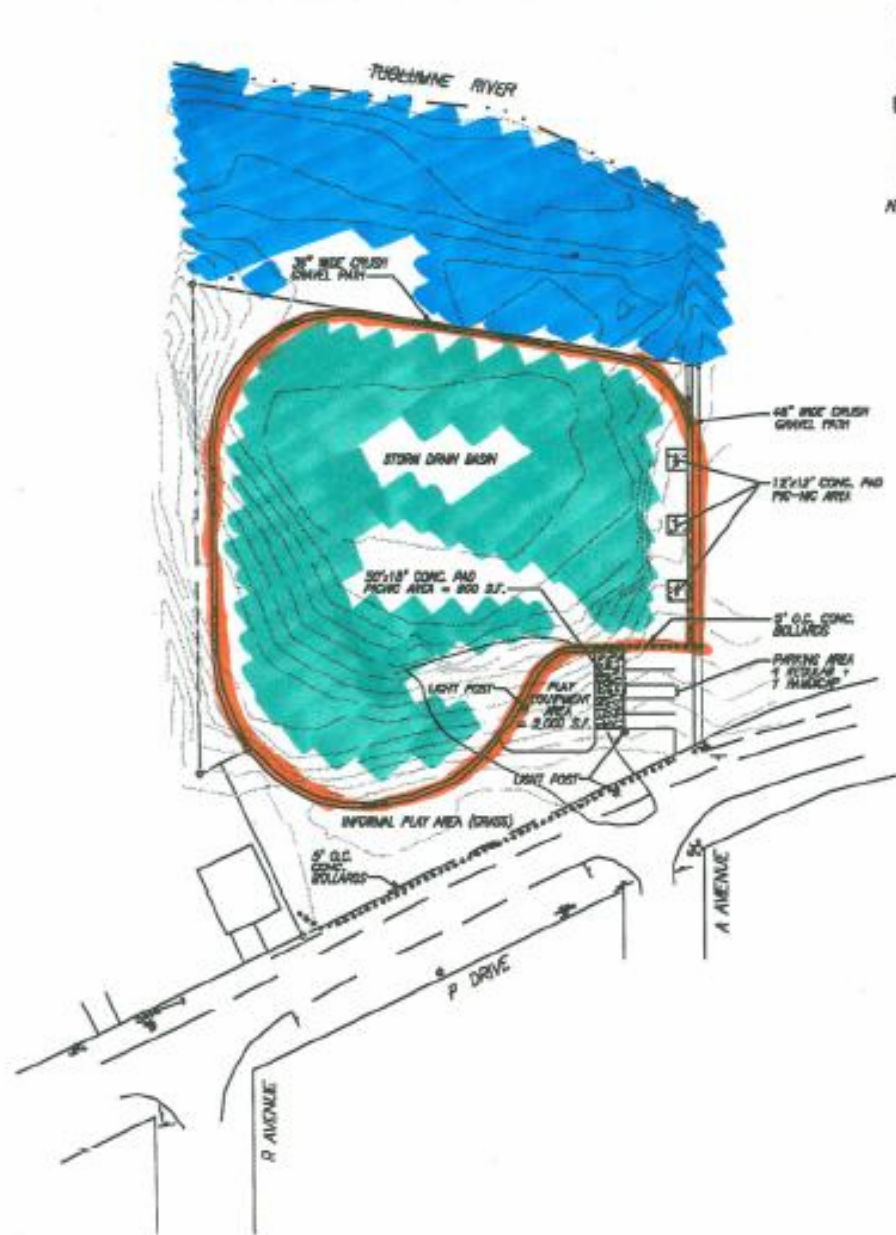


Site Plan



● - Prop 40 Required Signage Locations

PARK/FISHING ACCESS
COUNTY DEPARTMENT OF PARKS & RECREATION



Land Tenure



Laurie Heller
Grants Administrator

Land Tenure refers to the holding of a piece of property, particularly the **manner** or term in which the property is held.



Fee Simple - Title

- **Deed**
- **Assessor's Parcel Map**

Agreements with legal owner

COPY

JOINT EXERCISE OF POWERS
AGREEMENT AMONG THE
COUNTY OF SAN DIEGO AND THE
CITIES OF CHULA VISTA AND
SAN DIEGO
FOR PLANNING AND ACQUISITION
FOR THE OTAY VALLEY
REGIONAL PARK

APPENDIX A

THIS AGREEMENT, dated for convenience as of the 30th day of January 1990 among the Cities of Chula Vista and San Diego, and the County of San Diego, existing under the laws of the State of California (hereinafter referred to individually or collectively as Public Agencies).

W I T N E S S E T H

WHEREAS, the Public Agencies are each empowered by law to acquire and hold property and to plan and design public facilities and appurtenances for park purposes; and

WHEREAS, the Public Agencies desire to coordinate acquisition, planning and design of the Otay Valley Regional Park for the benefit of their citizens and the public; and

WHEREAS, it is believed that joint cooperation and participation among the Public Agencies will be mutually beneficial and in the public interest;

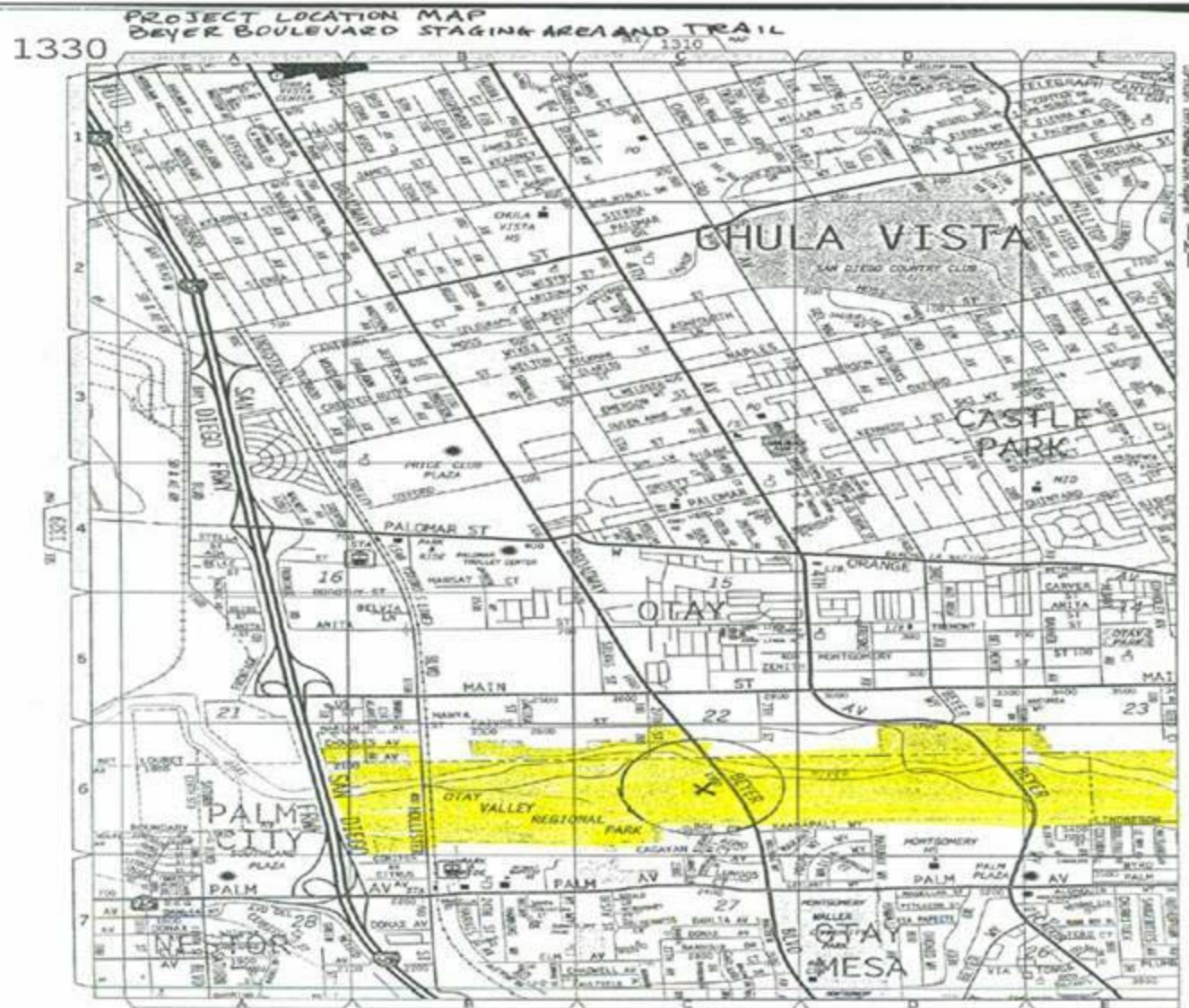
NOW, THEREFORE, the Public Agencies, Agree as follows:

SECTION 1. Purpose.

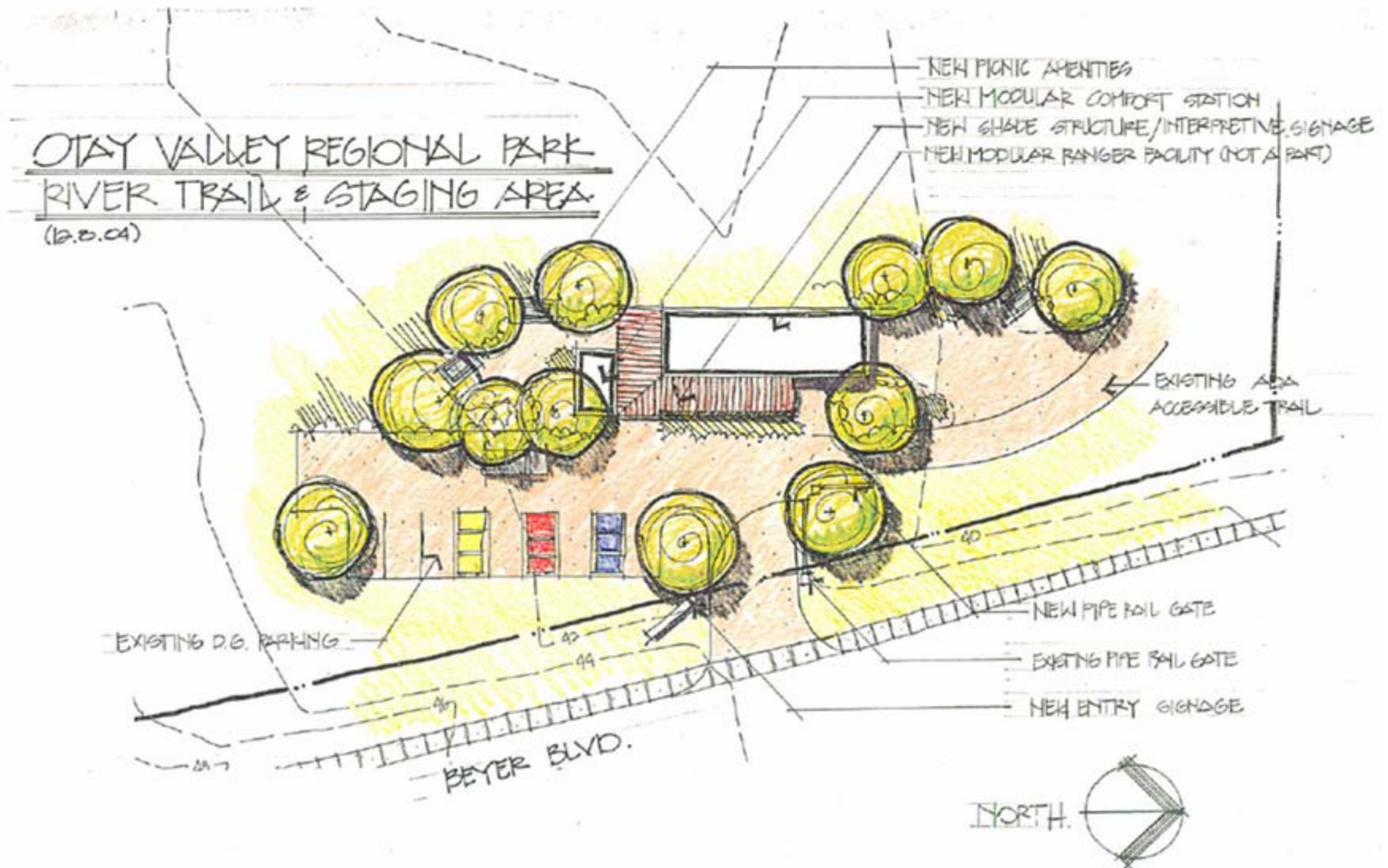
This Agreement is made pursuant to the provisions of Article 1, Chapter 5, Division 7, Title 1 of the Government Code of the State of California commencing with Section 6500, (hereinafter referred to as the "Act") relating to the joint exercise of powers

1 DOCUMENT NO. PP-275620
FILED APR 30 1990
OFFICE OF THE CITY CLERK
SAN DIEGO, CALIF. CONCEPT PLAN

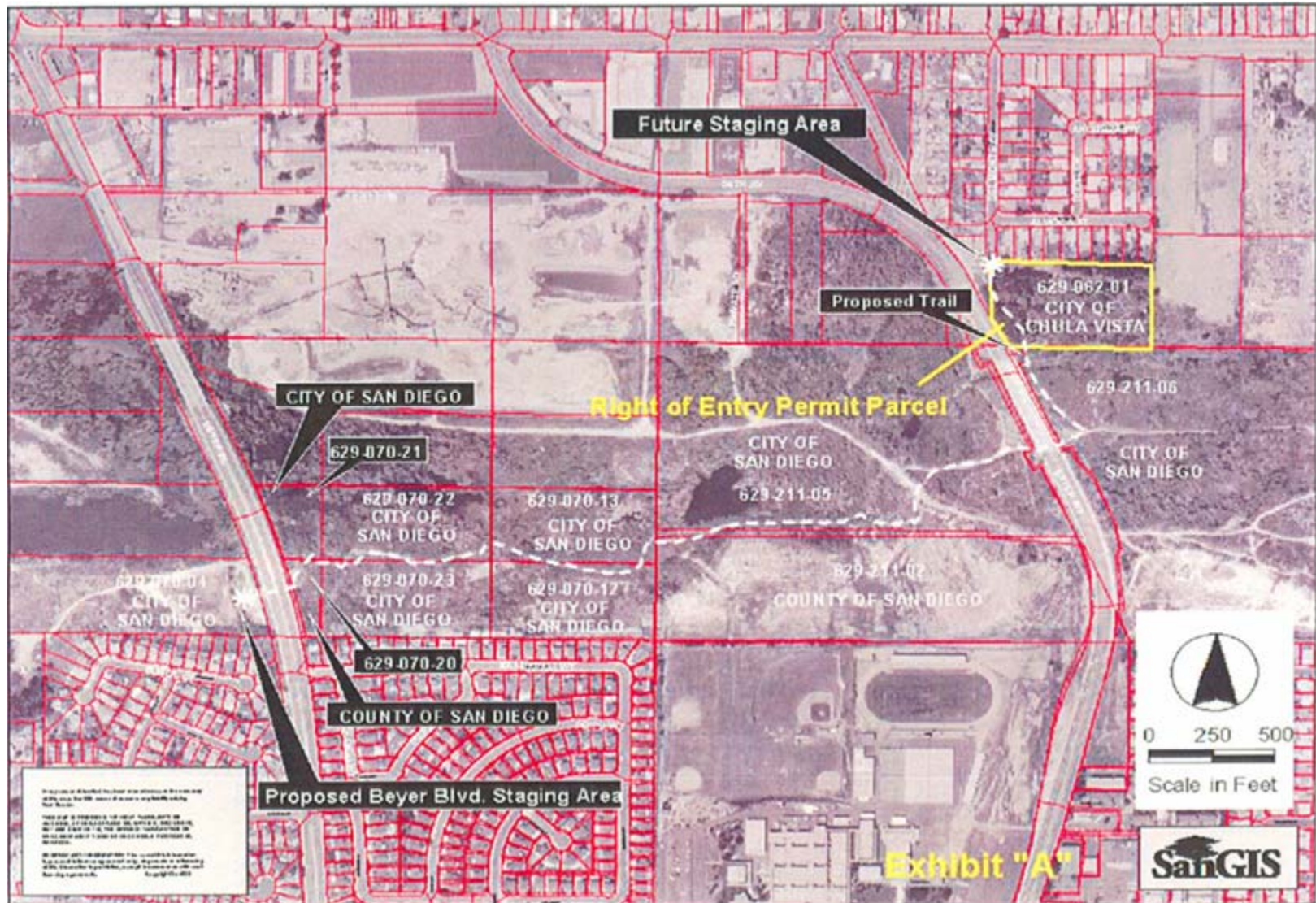
Project Location Map



Site Plan



Annotated Assessor's Plat Map



Assessor's Parcel Map

08

629-07



629-070



02/10/2008 MJS

CHANGES				
BLK	OLD	NEW	TR	CUT
10M19	2.7	72	571	
10M20	11.9	85	501	
85	88.0	100	1725	

SAY OVER 1" ONLY
ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSessor's PARCELS
MAY NOT COMPLY WITH LOCAL, STATE OR FEDERAL REQUIREMENTS

SHT. I

SHT. I

MAP 598 - BRIMHALLS ADD
R05 7479.18369

THIS MAP WAS PREPARED FOR EXCLUSIVE PURPOSES ONLY. NO LIABILITY IS
ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSessor's PARCELS
MAY NOT COMPLY WITH LOCAL, STATE OR FEDERAL REQUIREMENTS

82

Deed (s)

Recording Requested by: City Clerk

After recording mail to:

City Clerk
City of San Diego
Mail Station 2A

			AL
			PT

Doc. No. E 7257-1 Date JUN 12 1998
 Filed JUN 12 1998
 No. 1998-0361279
 Date 6-15-98
 Series _____ Book _____

NO DOCUMENTARY TAX DUE - R&T 11922(amended)

APNs: 631-013-36, 631-020-20, 629-070-02, 629-070-26, 629-100-11, 629-100-12, 629-100-13, 629-070-13, 629-070-28, 629-100-10, 629-211-06, 629-051-07, 629-051-08, 629-062-09, 629-130-12, 629-130-17, 631-011-14, 631-011-16, 631-012-09, 631-012-10, 631-013-07, 629-070-03, 629-070-04, 629-100-07, 629-100-08, 629-100-09, 629-070-12

PARK & RECREATION

GRANT DEED

MAR 03 2005

For and in consideration of a valuable consideration

H.G. FENTON COMPANY, a California Corporation,
formerly known as H.G. Fenton Material Company

HEREBY GRANT(S) to the CITY OF SAN DIEGO, a municipal corporation, in the County of San Diego, State of California, an undivided seventy-five percent (75%) interest to all that real property situated in the City of San Diego and the City of Chula Vista, County of San Diego, State of California, described as follows:

See Exhibit "A" attached hereto and made a part hereof.

SUBJECT To existing easement, encumbrances, rights conditions, covenants and restrictions of record.

This is to certify that the interest in real property conveyed by this instrument to the City of San Diego, a municipal corporation, is hereby accepted by the undersigned officer on behalf of the City of San Diego pursuant to authority conferred by Resolution No. 250320, adopted by the Council of the City of San Diego on October 1, 1979, and the grantee consents to recording thereof by its duly authorized officer.

Date 6-11-98 By Michael R. Bluff

H.G. FENTON COMPANY, a California Corporation,
formerly known as H.G. Fenton Material Company

Henry S. Hunt
Michael R. Bluff

Gray Valley Regional Park 4/16/98/BLM

11

Recording Requested by: City Clerk

After recording mail to:

City Clerk
City of San Diego
Mail Station 2A

			AL
			PT

Doc. No. E 7257-2 Date JUN 12 1998
 Filed JUN 12 1998
 No. 1998-0361280
 Date 6-15-98
 Series _____ Book _____

NO DOCUMENTARY TAX DUE - R&T 11922(amended)

APNs: 631-013-36, 631-020-20, 629-070-02, 629-070-26, 629-100-11, 629-100-12, 629-100-13, 629-070-13, 629-070-28, 629-100-10, 629-211-06, 629-051-07, 629-051-08, 629-062-09, 629-130-12, 629-130-17, 631-011-14, 631-011-16, 631-012-09, 631-012-10, 631-013-07, 629-070-03, 629-070-04, 629-100-07, 629-100-08, 629-100-09, 629-070-12

PARK & RECREATION

GRANT DEED

MAR 03 2005

For and in consideration of a valuable consideration

H.G. FENTON COMPANY, a California Corporation,
formerly known as H.G. Fenton Material Company

HEREBY GRANT(S) to the CITY OF SAN DIEGO, a municipal corporation, in the County of San Diego, State of California, an undivided twenty-five percent (25%) interest to all that real property situated in the City of San Diego and the City of Chula Vista, County of San Diego, State of California, described as follows:

See Exhibit "A" attached hereto and made a part hereof.

SUBJECT To existing easement, encumbrances, rights conditions, covenants and restrictions of record.

This is to certify that the interest in real property conveyed by this instrument to the City of San Diego, a municipal corporation, is hereby accepted by the undersigned officer on behalf of the City of San Diego pursuant to authority conferred by Resolution No. 250320, adopted by the Council of the City of San Diego on October 1, 1979, and the grantee consents to recording thereof by its duly authorized officer.

Date 6-11-98 By Michael R. Bluff

H.G. FENTON COMPANY, a California Corporation,
formerly known as H.G. Fenton Material Company

Henry S. Hunt
Michael R. Bluff

Gray Valley Regional Park 4/16/98/BLM

21

Common Deficiencies

Deeds or Assessor's Parcel Maps don't identify *which* parcel they refer to.

Have Deed, but no parcel map. Have map, but no deed.

Lack a single map that clearly identifies ALL parcels of a multiple parcel project.

Land Tenure refers to the holding of a piece of property, particularly the manner or **term** (i.e., period of time) in which the property is held.



Plans to Operate & Maintain Property



February 25, 2005

City of San Diego
Park and Recreation Department
202 "C" Street, MS 35
San Diego, CA 92101

Dear Msrs:

Subject: Right of Entry Permit - APN 629-062-01 for the development, operation and maintenance of trails as it relates to the Otay Valley Regional Park Beyer Boulevard Staging Area and Trail Improvements

The City of Chula Vista ("City") hereby grants permission to the City of San Diego Park and Recreation Department ("Permittee") to enter upon the above-referenced City-owned property ("permit area"), as delineated on the attached Exhibit "A," upon the following terms and conditions:

1. Permittee or its agent's use of the permit area shall be limited to those portions of APN 629-062-01 as necessary for the purpose of developing, operating and maintaining a trail as shown in Exhibit "A", as a part of the Otay Valley Regional Park. Development of the trail shall comply with applicable provisions of the California Environmental Quality Act.
2. This permit shall be in effect upon execution hereof by City and Permittee and shall expire on March 31, 2027. The Permittee is required to operate and maintain the trail for twenty (20) years.
3. Permittee agrees to defend, indemnify, protect, and hold the City, its agents, officers, and employees harmless from and against any and all claims asserted or liability established for damages or injuries to any person or property, including injury to Permittee's employees, invitees, guests, agents, or officers, which arise out of or are in any manner directly or indirectly connected with the development or operation of the permit area or the work and operations to be performed under this agreement, and all expenses of investigating and defending against same; provided, however, that Permittee's duty to indemnify and hold harmless shall not include any claims or liability arising from the established active negligence, sole negligence, or sole willful misconduct of the City, its agents, officers, or employees.
4. Permittee agrees not to discriminate in any manner against any person or persons on account of race, color, religion, gender, sexual orientation, medical status, national origin,

Agreements to Operate & Maintain Property

TERM

Acquisition Projects

The Grantee or the Grantee's successor in interest shall hold the real property only for the purpose for which the grant was made and make no other use or sale or other disposition of the property without the written permission of the State.

Development Projects

The Grantee shall maintain and operate the property developed pursuant to this grant for a period of:

- a) At least 10 years for Grants up to \$100,000
- b) At least 20 years for Grants up to \$1 million
- c) At least 25 years for Grants over \$1 million

Memo of Unrecorded Grant Agreement

Willing Seller Letter

1. They are a willing participant in the proposed real property transaction;
2. They are willing to enter into negotiations should funds become available;
3. They agree to sell the property – for a purchase price not to exceed Fair Market Value.



Dana Brazelton
Grants Administrator

Cost Estimate

- One of two base documents showing what your project will specifically accomplish and how much money it will cost.
 - Used by Auditors (if your organization is selected for audit) to determine if grant funds were utilized in accordance with the Grant Agreement and bond funds.
 - Used by Grants Administrators to determine project completion and compliance.
 - Needs to correlate directly with all Payment Requests

Cost Estimate

- Shows “at a glance”:
 - All Project Funding Sources
 - All Project Categories and Tasks
 - Category = “Project Management Costs” and “Construction”, etc.
 - Task = “Design”, “Surveying”, “Clearing and Grubbing”, etc.
 - All Project Costs

All Project Funding Sources

Sample A

Resources Agency	\$135,000
FERC	\$ 32,500
Park Bond Act	\$131,000
Native Plant Society	\$ 5,000
GRAND TOTAL	\$ 303,500

All Project Categories and Tasks

Sample B

Description	Est. Qty	Unit	Price Per	Est. Amount
Category 1: Planning and Design				
Topo Survey	1	EA	10,000	10,000
Evaluation of Topo Survey, Aerial, Etc for Design	320	Hours	40	12,800
Drafting and Rendering	400	Hours	32	12,800
Engineering	320	Hours	90	28,800
DFG Permit Review	1	N/A	4,000	4,000
City Permit Review	1	N/A	5,000	5,000
<i>Subtotal Category 1</i>				<i>73,400</i>

All Project Costs

- Show Costs by Type, Unit, Quantity, and Total Dollar Amount (Line Item Detail)
- Subtotal per Project Category
- Total Costs per Funding Source
- Grand Total of Project

All Project Costs

Sample C

Installation of Trail Amenities

	<i>Quantity</i>	<i>Unit</i>	<i>Cost Per</i>	<i>Subtotal</i>
Ornamental fence (5 ft. ht.)	7,550	l.f.	55.00	415,250
Ornamental fence gate (service/double)	5	ea	1,700.00	8,500
Vinyl coated chainlink fence (5 ft. ht.)	9,500	l.f.	25.00	237,500
Vinyl coated chainlink fence gate (service/double)	4	ea	1,850.00	7,400
**Removal of exist. Fence	17,050	l.f.	1.50	25,575
Trees (25'o.c.; 30%24"box,70%15gal.)	29,950	l.f.	10.00	299,500
Shrubs adj. to railroad yard (5 gal.@4'o.c.)	325	ea	25.00	8,125
Shrubs & Ground cover area (40%5gal@4'o.c.60%1gal.@3'o.c.)	254,000	s.f.	1.65	419,100
Removal of exist. Shrubs	6,000	s.f.	0.10	600
Irrigation for trees	31,250	l.f.	4.40	137,500
Irrigation for shrub areas	254,000	s.f.	2.00	508,000
<i>Installation of Trail Amenities Subtotal</i>				2,067,050

Cost Estimate

- A properly constructed cost estimate demonstrates **project readiness** by showing that each task associated with completing the project has been identified “priced”, and accounted for in determining the appropriate grant fund request.
- Not a “shot in the dark”

“But, what if...?”

The initial cost estimate submitted with the grant application is preliminary and may change.

- There is a built-in process for updating the cost estimate.
- Grantees are able to shift funds between line items for a maximum of 10% per each Project Category, if necessary.
- Limit Contingency Funds to a maximum of 10% of your overall grant fund request.

Final Thoughts

- Be sure to use **Consistent Terminology** throughout your application to describe project tasks.
- **Limit Project Management Costs** to 25% of your total grant fund request.
- **List Acknowledgement Signage** as a separate line item.
- **Double Check** your Figures!

Other Sources of Funds

- Every organization that supplies funding for the project should be listed.
- This list should also include organizations that supply in-kind and/or volunteer work to the project.
- Document other sources of funding by submitting the Award Letter or Letter expressing their intent to fund.



Ron Lee
Grants Administrator

INFORMATION RESOURCES

- WEBSITE (<http://resources.ca.gov>)
- GRANT GUIDELINES
- TECH WORKSHOP POWER-POINT PRESENTATION
- TECH WORKSHOP HANDOUTS
- FAQs (Frequently Asked Questions)
- RESOURCE AGENCY-BONDS/GRANTS UNIT
 - ✓ E-MAIL
 - ✓ TELEPHONE
 - ✓ FAX
 - ✓ LETTER
- GRANT ADMINISTRATORS

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